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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

First Named Inventor Allan J. Lepine

Group Art Urth

(Use as many sheets as necessary)

Examiner Name

Active

Sheet I of 2 Attorney Oocket Number IAM 0498 NA

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su		5,085,8	74	Jungvid	02/04/1992		
1200		4.614.6		Kakada	09/30/1986		
		-44623	38	Irvine ctal.	09/08/1987		
x		5,709,8	88	Gil et al.	01/20/1998		
		4,938,9	84	Traitler et al.	06/03/1990		
$\Box \Box$		4,294,8	56	Kinumaki et al.	11/13/1981		
		5,294,4	58	Euimori	03/15/1994		
		5,792,5	01	Lepine	08/11/1998		
		5,882,7	14	Lepine	03/16/1999		
4		5,900,2	48	Crane	05/04/1999		
J.		4690	- , 1 00	Trome charl	04(03/07		
		469	23	38 TRVINE	00-	08-1987	
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	FOREIGN PATENT DOCUMENTS							
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